

Sub

C¹ CDD^X

A4 concld

AS Sub
C²
C³

A5

Sub
C²

A7e

Sub
C²Add
C³

v) optionally repeating steps (i) or (ii) through (iv) using one or more of said product strings as an initial string in the collection of initial character strings.

6. The method of claim 1, wherein said biological molecules have at least 30% sequence identity with each other.

15. The method of claim 1, wherein said coding, selecting, or concatenating is performed on a server.

16. The method of claim 1, wherein said coding, selecting, or concatenating is performed on a client linked to a network.

27. The program of claim 17, wherein said code additionally randomly alters one or more characters of said character strings.

28. The program of claim 27, wherein said code additionally randomly selects and alters one or more occurrences of a particular preselected character in said character strings.

These amendments are made without prejudice and are not to be construed as abandonment of the previously claimed subject matter or agreement with the Examiner's position. In accordance with the requirements of 37 C.F.R. § 1.121, a marked up version showing the changes to the claims, is attached herewith as Appendix A. For the Examiner's convenience, a complete claim set of the currently pending claims is also submitted herewith as Appendix B.

REMARKS

Status of the Claims.

Claims 1-44 are pending with entry of this amendment, no claims being cancelled and no claims being added herein. Claims 1, 6, 15, 16, 27, and 28 are amended herein. These amendments introduce no new matter. The amendments to claims 1, 15, and 16 correct grammatical/typographical errors. The amendments to claims 27 and 28 are made such that their phrasing is consistent with the base claim and thereby eliminate an antecedent basis issue. Claim 6 is amended to clarify that the sequence identity of the biological molecules is with "each other".